

**Analytical Data Summary for Sod Samples from Midwest Turf Properties
Big River Mine Tailings - OU1 Site, St Francois County, MO**

18-Sep-14

Analytical Method	EPA Regional Screening Level for Residential Soil	Field #5 (St. Charles)
Semivolatile Organic Compounds (µg/kg)		
2-Methylnaphthalene	23,000 ¹	9.9
Acenaphthene	350,000 ¹	27
Anthracene	1,700,000 ¹	3.4 J
Benzo(a)anthracene	150 ¹	13
Bis(2-ethylhexyl) phthalate	38,000 ¹	41 J
Butyl benzyl phthalate	620,000 ¹ *	27 J
Chrysene	15,000 ¹	7.2 J
Fluoranthene	230,000 ¹	13
Naphthalene	3800 ¹	7.2 J
Phenanthrene	1,700,000 ¹ **	11
Pyrene	170,000 ¹	11
Organochlorine Herbicides (µg/kg)	no analytes were detected	
Organochlorine Pesticides (µg/kg)		
Dieldrin	33 ¹	12
Total Metals (mg/kg)		
Arsenic	22 ²	3.3
Barium	15000 ¹	99
Cadmium	25 ²	0.25 J
Chromium	not established ¹	7.9
Lead	100 ²	10
Manganese	1800 ²	290
Zinc	23,000	37
Percent Moisture	Not Applicable	15

NOTES:

J Analyte is present at an estimated concentration between the method detection limit and the report limit.

1 U.S. Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table -- May 2014.

2 ERRS Scope of Work

* The regional screening level for dibutyl phthalate is used for butyl benzyl phthalate.

** The regional screening level for anthracene is used for phenanthrene.

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